

2009

Injury-related Hospital Discharges MA Youth & Young Adults, Ages 15-24 Years

There were **4,505** injury-related hospital discharges among Massachusetts youth ages 15-24 in FY2009, approximately **487** per 100,000 youth. Poisonings and motor vehicle traffic-related injuries were the leading causes of injury-related hospitalization for this age group.

INJURY CAUSE	INJURY INTENT					Total Count	Percent of Total Count	Crude Rate per 100,000
	Uninten- tional	Intentional		Undeter- mined	Other & Legal			
		Self- inflicted	Assault					
Cut/pierce	82	154	196	<7	0	435	9.7	47.0
Drowning/submersion	<7	<7	0	0		<7	0.1	--
Fall	512	13	0	<7		528	11.7	57.1
Fire/burn	39	<7	<7	<7		43	1.0	4.7
Firearms	14	<7	143	<7	0	167	3.7	18.1
Machinery	19					19	0.4	2.1
Natural/environmental	65	0		<7		66	1.5	7.1
<i>Dog bites</i>	15	0		0		15	0.3	1.6
<i>Other bites & stings</i>	31	0		0		31	0.7	3.4
<i>All other (e.g. extreme cold)</i>	19	0		<7		20	0.4	2.2
Overexertion	55					55	1.2	5.9
Poisoning	207	731	0	84	0	1,022	22.7	110.5
Struck by, against	268	0	149	0	<7	420	9.3	45.4
Suffocation/hanging	16	9	0	0		25	0.6	2.7
Transport Injuries:	941	<7	<7	<7	0	945	21.0	102.2
<i>Motor vehicle traffic-related</i>	774	<7	<7	<7	0	778	17.3	84.1
<i>Occupant</i>	550					550	12.2	59.5
<i>Motorcyclist</i>	88					88	2.0	9.5
<i>Pedal cyclist</i>	29					29	0.6	3.1
<i>Pedestrian</i>	78					78	1.7	8.4
<i>Other person</i>	<7					<7	0.1	--
<i>Unspecified person</i>	26					26	0.6	2.8
<i>Pedal cyclist, other</i>	56					56	1.2	6.1
<i>Pedestrian, other</i>	<7					<7	0.1	--
<i>Other transport</i>	107					107	2.4	11.6
Other specified & classifiable	178	<7	35	<7	0	217	4.8	23.5
Other specified, not classifiable	95	38	36	8	<7	179	4.0	19.4
Unspecified	105	8	24	<7	0	138	3.1	14.9
Adverse Effects						71	1.6	7.7
No cause or intent provided						171	3.8	18.5
TOTALS	2,599	963	586	110	<7	4,505	100.0	487.2
Injury Hospitalization Rate by Intent	281.1	104.2	63.4	11.9	--	n/a	n/a	n/a

Source: MA Hospital Discharge Database, MA Division of Health Care, Finance and Policy.

—Analysis is based on a fiscal year (October 1 - September 30).

—Rates are per 100,000 residents. Rates are not calculated on counts of less than five, and those based on counts less than twenty may be unstable.

—Categories and groupings are based on a modified version of the CDC's "Recommended framework of E-code groupings for presenting injury mortality and morbidity data" based on ICD-9 codes. This framework does not provide for intentionality for certain cause categories as indicated by gray shading. Injury subcategories are italicized and counts are excluded from the overall totals.

—Population data used to calculate rates are based on 2009 population estimates by the US Census Bureau.

—Questions regarding the data presented here can be directed to the Injury Surveillance Program, MA Dept. of Public Health (617) 624-5648.

Data prepared by the Injury Surveillance Program, Bureau of Health Information, Statistics, Research and Evaluation, Massachusetts Department of Public Health.
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